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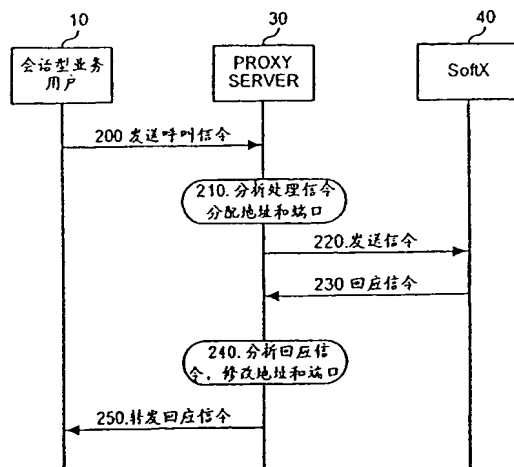
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(54) Title: A METHOD FOR ACHIEVING THE CONVERSION AND TRAVERSE OF NETWORK ADDRESS AND SYSTEM THEREOF

(54) 发明名称: 实现网络地址转换穿越的方法及其系统



10 SESSIONAL SERVICE SUBSCRIBER  
30 PROXY SERVER  
40 SOFTX  
200 SENDING A CALL SIGNALING  
210 ANALYZING AND MANAGING THE SIGNALING,  
ASSIGNING AN ADDRESS AND A PORT  
220 SENDING THE SIGNALING  
230 RESPONDING TO THE SIGNALING  
240 ANALYZING THE RESPONSIVE SIGNALING  
MODIFYING THE ADDRESS AND THE PORT  
250 TRANSMITTING THE RESPONSIVE SIGNALING

(57) Abstract: The invention relates to a method for achieving the conversion and traverse of network address. The invention adopts a means of FULL PROXY and achieves the traverse of the export network address transmitter (NAT)/ the firewall (FW) by relaying the call signaling and the media stream of the user terminal in the private network at the same time. Meantime, the invention further discloses a system for achieving the conversion and traverse of network address. Applying this invention, it doesn't need to modify the current NAT/FW and the user terminal when achieving traverse in the form of any configurable networks, and it can resolve the problems about Quality of Service (QoS), security and the aging of NAT mapping table at the same time.